

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
07 Iunie 2021**



**DATE CALITATE AER MUNICIPIUL SEBES -**

**SISTEM PROPRIU DE MASURARE - Kogalniceanu, nr. 114 A**

Valori medii orare

Time	PM1	PM2.5	PM4	PM10	PMtot	Benzen	Toluen	Etil-benzen	CO	NO	NO2	NOx	O3	SO2	Formald ehida
h:min	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3
1:00	14.81	17.98	21.29	29.49	40.96	0.62	1.91	6.35	0.27	4.81	9.45	16.81	6.18	10.41	*n/a
2:00	10.10	11.77	13.71	19.25	27.05	0.59	2.08	6.53	0.30	6.11	25.67	35.01	5.89	10.48	
3:00	8.60	9.89	11.38	15.43	20.74	0.47	2.01	6.34	0.24	5.62	23.99	32.57	5.79	10.80	
4:00	9.90	11.58	13.43	18.35	25.24	0.44	1.59	6.01	0.23	4.99	13.01	20.63	5.92	10.91	
5:00	9.70	11.27	13.23	16.89	22.98	0.49	1.82	6.01	0.24	6.95	16.78	27.40	5.98	10.75	
6:00	9.24	11.16	13.42	19.45	28.30	0.76	2.41	5.91	0.27	12.28	20.79	39.56	5.83	10.91	
7:00	9.32	11.68	14.27	23.54	37.14	0.57	n/a	n/a	0.27	23.44	21.87	57.67	5.80	11.22	
8:00	10.83	12.90	15.18	22.83	35.12	0.53	1.51	5.11	0.28	21.06	19.54	51.72	5.78	11.04	
9:00	17.08	20.83	24.22	43.31	81.33	0.59	3.19	5.80	0.32	26.12	32.01	71.92	5.94	11.41	
10:00	20.90	25.40	29.48	47.62	79.52	0.47	1.92	5.23	0.46	14.70	25.10	47.56	6.13	12.38	
11:00	10.71	12.40	14.09	20.81	30.74	0.32	1.14	5.36	0.22	6.55	7.50	17.51	6.03	11.20	
12:00	7.82	9.32	10.87	17.32	29.16	0.29	0.90	5.33	0.21	5.06	1.79	9.52	6.05	10.63	
13:00	6.38	7.73	9.03	14.40	23.84	0.26	0.98	5.58	0.20	5.02	0.74	8.42	6.13	10.65	
14:00	5.29	6.57	8.06	13.07	23.24	0.29	1.40	5.67	0.20	4.79	n/a	7.26	6.21	10.32	
15:00	5.03	6.61	7.97	17.00	33.78	0.24	0.79	4.74	0.20	5.14	1.59	9.46	11.01	10.28	
16:00	4.49	5.79	7.01	13.58	23.21	0.23	1.08	3.38	0.20	4.94	0.58	8.14	6.85	10.26	
17:00	4.40	5.87	7.37	14.55	25.51	0.23	0.89	4.71	0.19	4.70	0.90	8.09	6.32	10.31	
18:00	11.55	14.42	16.25	29.54	50.77	0.26	0.68	2.37	0.21	4.77	2.32	9.61	23.41	10.31	
19:00	4.78	6.68	8.46	18.69	34.90	0.15	0.59	1.73	0.20	4.66	2.70	9.82	7.37	10.64	
20:00	5.58	7.67	9.70	20.20	36.91	0.17	0.69	2.36	0.21	4.68	5.56	12.71	6.60	10.45	
21:00	8.14	11.38	14.03	32.10	63.96	0.23	0.80	2.62	0.22	5.18	15.55	23.47	6.38	11.65	
22:00	6.52	8.82	10.90	22.81	43.76	0.29	0.76	3.63	0.22	4.74	9.91	17.15	6.25	10.80	
23:00	6.68	8.38	10.02	16.33	27.40	0.27	1.10	4.75	0.23	4.92	14.13	21.65	6.19	10.74	
24:00	7.84	9.36	10.90	15.45	23.51	0.61	1.62	5.41	0.30	4.84	11.98	19.37	5.96	10.59	
<b>Min</b>	<b>4.40</b>	<b>5.79</b>	<b>7.01</b>	<b>13.07</b>	<b>20.74</b>	<b>0.15</b>	<b>0.59</b>	<b>1.73</b>	<b>0.19</b>	<b>4.66</b>	<b>0.58</b>	<b>7.26</b>	<b>5.78</b>	<b>10.26</b>	
<b>Max</b>	<b>20.90</b>	<b>25.40</b>	<b>29.48</b>	<b>47.62</b>	<b>81.33</b>	<b>0.76</b>	<b>3.19</b>	<b>6.53</b>	<b>0.46</b>	<b>26.12</b>	<b>32.01</b>	<b>71.92</b>	<b>23.41</b>	<b>12.38</b>	
<b>Medie</b>	<b>8.99</b>	<b>11.06</b>	<b>13.09</b>	<b>21.75</b>	<b>36.21</b>	<b>0.39</b>	<b>1.39</b>	<b>4.82</b>	<b>0.25</b>	<b>8.17</b>	<b>12.32</b>	<b>24.29</b>	<b>7.08</b>	<b>10.80</b>	

**Indice specific privind calitatea aerului in Municipiul Sebes - ORDIN 1818/2020**

Particule in suspensie (PM2,5)	2
Dioxid de azot (NO2)	1
Dioxid de sulf (SO2)	1
Ozon (O3)	1
Particule in suspensie (PM10)	2

1	Bun
2	Acceptabil
3	Moderat
4	Rau
5	Foarte rau
6	Extrem de rau

Indice zilnic general	2
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\*Metoda de determinare utilizată de analizoarele ce compun sistemul este metoda automată

**Limite maxime admise**

Monoxid de carbon - (CO)	10 mg/mc - valoarea maxima zilnica a mediilor pe 8 ore	Legea 104/2011
Ozon - (O3)	120 µg/mc - valoarea maxima zilnica a mediilor pe 8 ore	Legea 104/2011
Dioxid de azot- (NO2)	200 µg/mc limita orara ; 40 µg/mc limita anuala	Legea 104/2011
Dioxid de sulf - (SO2)	350 µg/mc limita orara ; 125 µg/mc limita zilnica	Legea 104/2011
Pulberi in suspensie (PM10)	50 µg/mc limita zilnica ; 40 µg/mc limita anuala ;	Legea 104/2011
Pulberi in suspensie (PM2.5)	20 µg/mc limita anuala	Legea 104/2011
Benzen - (C6H6)	5 µg/mc limita anuala	Legea 104/2011
Formaldehida - (CHOH)	0.012 mg/mc media la 24 h	STAS 12574/87

\*n/a : analizorul de formaldehida trimis la calibrat